

Title:
Derwent
Title:
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Inventor:
Assignee:
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Filed:
Application
Number:
IPC Code:
Priority
Number:
Abstract:
Family:
Other
Abstract
Info:

Sesqui-terpene cpds. extracted from a sponge - for use as antibacterial agents [Derwent Record]

JP Japan
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MITSUBISHI KASEI CORP
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1991-02-26 / 1989-07-11

JP1989000177199

Advanced: [A61K 31/13](#); [A61K 31/165](#); [A61K 31/26](#); [C07C 211/48](#);
[C07C 233/65](#); [C07C 331/26](#);
Core: [A61K 31/21](#); [C07C 211/00](#); [C07C 233/00](#); [C07C 331/00](#); more...
IPC-7: [A61K 31/13](#); [A61K 31/165](#); [A61K 31/26](#); [C07C 211/48](#); [C07C 233/65](#);
[C07C 331/26](#);

1989-07-11 JP1989000177199

NEW MATERIAL: A sesquiterpene expressed by formula I (R is =C=S, formula II or formula III).

USE: An antimicrobial agent.

PREPARATION: For example, a kind of Demospongiae collected in a sea area of Okinawa is homogenized by grinding and subjected to extraction treatment using a proper solvent and isolated by purifying with a column chromatography to afford the compound expressed by formula I (R is =C=S). The compound expressed by formula I (R is =C=S) is subjected to reduction treatment under proper conditions to give the compound expressed by formula I (R is formula II). Then the compound expressed by formula I (R is formula II) is reacted with p-bromobenzoylchloride to provide the compound expressed by formula I (R is formula III).

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None

[DERABS C91-099160](#) [DERC91-099160](#)

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Derwent Title:	Sesqui-terpene cpds. extracted from a sponge - for use as antibacterial agents														
Original Title:	JP03044357A2: SESQUITERPENE COMPOUND														
Assignee:	MITSUBISHI KASEI CORP Standard company Other publications from <u>MITSUBISHI KASEI CORP (MITU)...</u>														
Inventor:	None 1991-099160 / 199114														
Accession/Update:															
IPC Code:	A61K 31/13 ; C07C 211/48 ; C07C 233/65 ; C07C 331/26 ;														
Derwent Classes:	B05:														
Manual Codes:	B10-A14 ((Iso)cyanate, thiocyanide) , B10-B04B (Other non-aromatic amines) , B10-D03 (Carboxylic amides) , B12-A01 (Antibacterial)														
Derwent Abstract:	<p>(JP03044357A) Sesquiterpene cpds. of formula (I) are new. (Where R = C=S gp. of formula (II) or (III)).</p> <p>(I) can be obtd. by crushing a sponge collected at the sea of Okinawa, Japan, homogenising the crushed sponge, extracting the homogenate and chromatographing the extract on a column.</p> <p>Use - (I) exhibits antibacterial activity. In an example a sponge collected at the sea of Okinawa, Japan was crushed. The crushed sponge was homogenised and extracted with ethanol (1000 ml x 3) at room temp. The extract was concd. and the residue was extracted with ethanol (100 ml, 50 ml, 30 ml). Water (45 ml) was added to the extract and the mixt. was extracted with hexane (200 ml x 3). The hexane extract was concd. to dryness to give a residue. A portion of the residue was chromatographed on a column (4.6 x 48 cm) of silica gel with hexane (1400 ml) and hexane-ethyl acetate (9:1, 1400 ml).</p>														
Family:	<p>Dwg.0/0</p> <table border="1"> <thead> <tr> <th>PDF Patent</th> <th>Pub. Date</th> <th>Derwent Update</th> <th>Pages</th> <th>Language</th> <th>IPC Code</th> </tr> </thead> <tbody> <tr> <td>JP03044357A *</td> <td>1991-02-26</td> <td>199114</td> <td></td> <td>English</td> <td>A61K 31/13</td> </tr> </tbody> </table> <p>Local appls.: <u>JP1989000177199</u> Filed:1989-07-11 (89JP-0177199)</p>	PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code	JP03044357A *	1991-02-26	199114		English	A61K 31/13		
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Related Accessions:	<table border="1"> <thead> <tr> <th>Application Number</th> <th>Filed</th> <th>Original Title</th> </tr> </thead> <tbody> <tr> <td><u>JP1989000177199</u></td> <td>1989-07-11</td> <td>SESQUITERPENE COMPOUND</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Accession Number</th> <th>Type</th> <th>Derwent Update</th> <th>Derwent Title</th> </tr> </thead> <tbody> <tr> <td>C1991-042656</td> <td>C</td> <td></td> <td></td> </tr> </tbody> </table> <p>1 item found</p>	Application Number	Filed	Original Title	<u>JP1989000177199</u>	1989-07-11	SESQUITERPENE COMPOUND	Accession Number	Type	Derwent Update	Derwent Title	C1991-042656	C		
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<u>JP1989000177199</u>	1989-07-11	SESQUITERPENE COMPOUND													
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C1991-042656	C														
Title Terms:	SESQUI TERPENE COMPOUND EXTRACT SPONGE ANTIBACTERIAL AGENT														

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